

ABSTRACT OF THE DISCLOSURE

Coating agents with resin solids of

(a) 10 wt-% to 80 wt-% of a non-aromatic polyester polyol,

(b) 0 wt-% to 70 wt-% of at least one constituent selected from the group

consisting of hydroxyl-functional binders that are different from polyester polyol (a), hydroxyl-functional reactive thinners and combinations thereof, and

(c) 20 wt-% to 60 wt-% of at least one cross-linking agent for the hydroxyl-functional components (a) and (b),

wherein the polyester polyol (a) has a calculated molecular mass from 600 to 1400, an acid value from 0 to 30 mg KOH/g and an hydroxyl value from 250 to 600 mg KOH/g with a calculated hydroxyl functionality from 4.5 to 10, and is composed of components which comprise

(a1) hydroxyl components comprising 0 wt-% to 20 wt-% of at least one diol and 80 wt-% to 100 wt-% of at least one polyol having 3 to 6 hydroxyl groups,

(a2) carboxyl components comprising 0 wt-% to 20 wt-% of at least one monocarboxylic acid and 80 wt-% to 100 wt-% of at least one dicarboxylic acid, and optionally

(a3) at least one hydroxycarboxylic acid component,
the sum of the percentages by weight of components (a) to (c), of components (a1) and of components (a2) being 100% in each case.